Parker
FluidConnectors

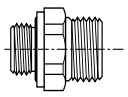
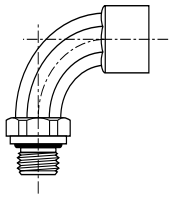
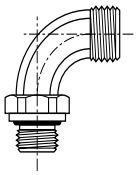
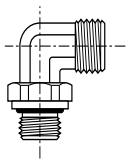
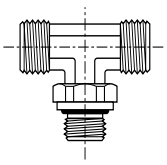
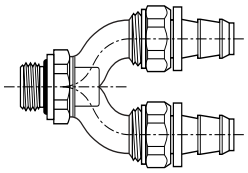
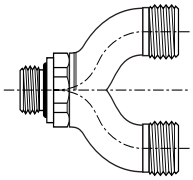
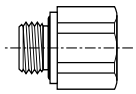
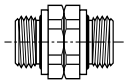
# Brass adaptors for automotive industry

*Catalogue 4360-1-UK*



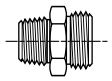
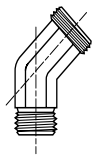
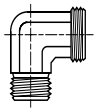
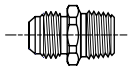
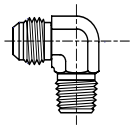
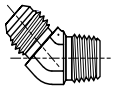
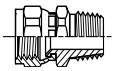
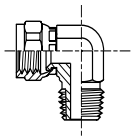
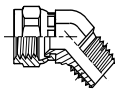
# Brass adaptors for automotive industry

## Index


| | |
|---|---|
| Straight connectors | <br>**male - BSPP**<br>**F4UCOB -** p. K 5 |
| 90° elbow connectors | <br>**large radius**<br>**male-female - BSPP**<br>**CL4UD4B -** p. K 5<br><br><br>**large radius**<br>**male - BSPP**<br>**CL4UCOB -** p. K 5<br><br><br>**male - BSPP**<br>**C4UCOB -** p. K 6 |
| Tee & Y connectors | <br>**male tee**<br>**BSPP**<br>**S4UCOB -** p. K 6<br><br><br>**male - BSPP**<br>**YGX/X-82 -** p. K 6<br><br><br>**male - BSPP**<br>**YGX/XCO -** p. K 7 |
| Conversion adaptors | <br>**male-female - BSPP**<br>**F4UG4B -** p. K 7<br><br><br>**equal pipe nipple**<br>**male - BSPP**<br>**F4UF4UB -** p. K 7 |

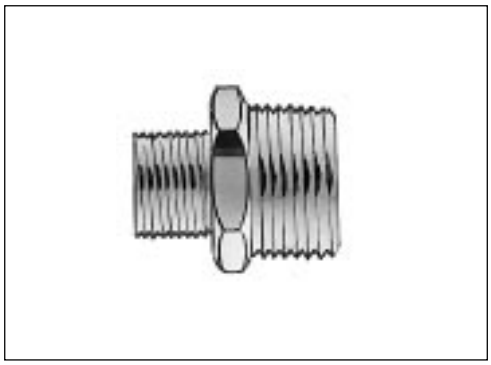

K

## Index


| | | | |
|---|---|---|---|
| Adaptors |  **straight - metric BSP taper E-** p. K 8 |  **45° elbow - metric BSP taper EV -** p. K 8 |  **90° elbow - metric BSP taper EW -** p. K 8 |
| Adaptors (Ford standard UWR 003-04180) |  **male nipple M14-4F3 -** p. K 9 |  **male nipple 90° elbow M14-4C3** p. K 9 |  **male nipple 45° elbow M14-4V3 -** p. K 9 |
| |  **male swivel nut M14-4F63 -** p. K 10 |  **male swivel nut 90° elbow M14-4C63** p. K 10 |  **male swivel nut 45° elbow M14-4V63 -** p. K 10 |


K

# Brass adaptors for automotive industry



To improve its brass adaptors range, Parker developed a new range of adaptors particularly designed for the automotive industry.

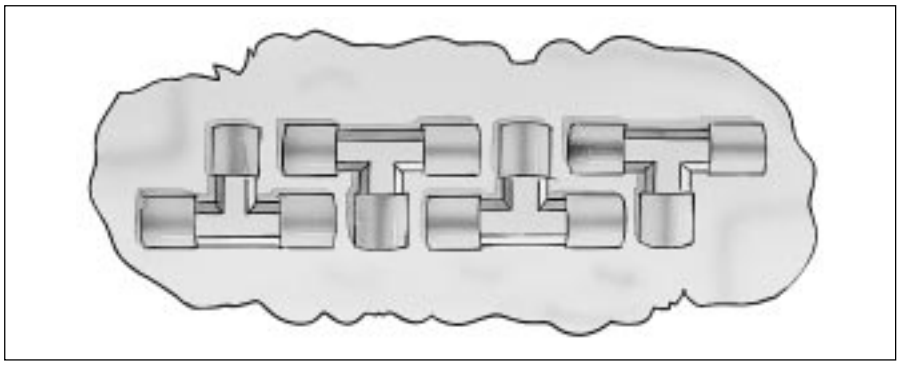
These adaptors are existing in various configuration and are equipped with BSPP pipe threads. They are used to convey water or welding heads cooling system and also on compressed air circuits used to pilot automated clamping system.

## Technical features

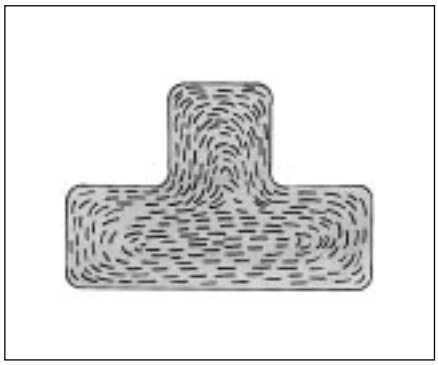
| Material | Working temperature | Working pressure |
|---|---|---|
| Brass | From - 60°C<br>to + 190°C | 60 bar<br>except where indicated |

## Advantages

**Brass forgings**



Parker brass adaptors are produced from hot forgings to meet exacting tolerances.



The hot forging process increases the density of the material, refines the grain structure and improves material strength.

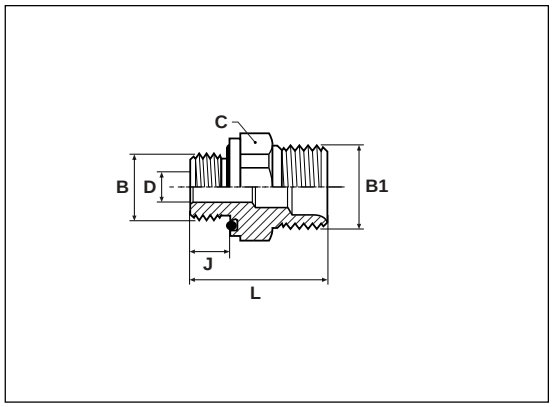
**Packaging**



Parker brass adaptors are packaged in biodegradable plastic bags preventing thread damage and ensuring a quality adaptor.

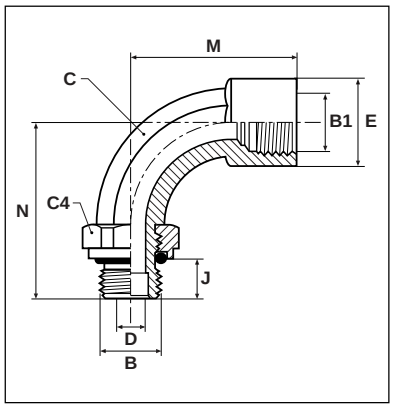
K

## F4UCOB - Male connector - BSPP



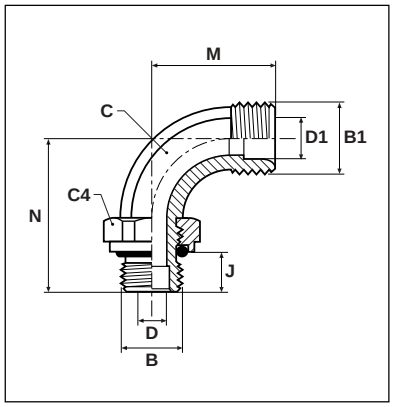

| B | B1 | Part number | C | D | J | L | Weight g. |
|---|---|---|---|---|---|---|---|
| 1/8 | M10x1 | **F4UCOB6-1/8** | 14 | 4.5 | 6 | 19.5 | 29 |
| 1/4 | M10x1 | **F4UCOB6-1/4** | 19 | 6.5 | 9 | 24.0 | 30 |
| 1/8 | M12x1 | **F4UCOB8-1/8** | 14 | 10.0 | 6 | 20.0 | 30 |
| 1/4 | M12x1 | **F4UCOB8-1/4** | 19 | 4.5 | 9 | 22.1 | 31 |
| 1/8 | M16x1.5 | **F4UCOB10-1/8** | 17 | 6.5 | 6 | 24.0 | 33 |
| 1/4 | M16x1.5 | **F4UCOB10-1/4** | 19 | 10.0 | 9 | 27.5 | 35 |
| 3/8 | M16x1.5 | **F4UCOB10-3/8** | 22 | 4.5 | 9 | 28.5 | 40 |
| 3/8 | M20x1.5 | **F4UCOB14-3/8** | 22 | 6.5 | 9 | 28.5 | 45 |
| 3/8 | M22x1.5 | **F4UCOB16-3/8** | 22 | 10.0 | 9 | 29.0 | 65 |
| 1/2 | M22x1.5 | **F4UCOB16-1/2** | 27 | 4.5 | 12 | 33.5 | 70 |
| 1/2 | M24x1.5 | **F4UCOB18-1/2** | 27 | 6.5 | 12 | 34.5 | 97 |

## CL4UD4B - Male-female 90° elbow - Large radius - BSPP




| B | B1 | Part number | C | C4 | D | E | M | N | J | Weight g. |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/8 | 3/8 | **CL4UD4B3/8** | 17 | 22 | 11 | 22 | 42 | 44 | 9 | 161 |
| 1/2 | 3/8 | **CL4UD4B1/2-3/8** | 17 | 27 | 14 | 22 | 42 | 48 | 12 | 131 |

## CL4UCOB - Male 90° elbow - Large radius - BSPP



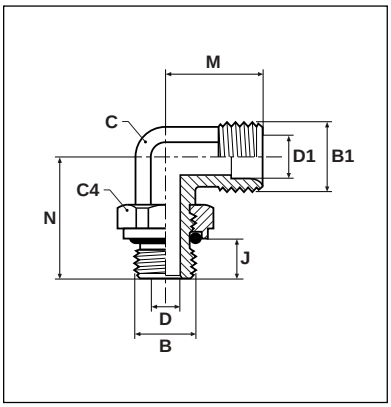

| B | B1 | Part number | C | C4 | D | E | M | N | J | Weight g. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/4 | M16x1.5 | **CL4UCOB10-1/4** | 14 | 19 | 8 | 10 | 27 | 34 | 9 | 60 |
| 3/8 | M16x1.5 | **CL4UCOB10-3/8** | 14 | 22 | 11 | 10 | 27 | 35 | 9 | 87 |
| 3/8 | M20x1.5 | **CL4UCOB14-3/8** | 14 | 22 | 11 | 14 | 37 | 44 | 9 | 95 |

K

**For product availability please consult our price list 0093-UK**
Dimensions shown may be changed at any time without prior notice.

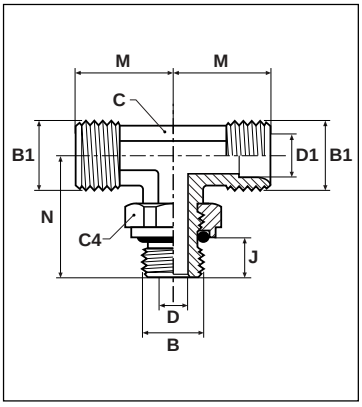
# Brass adaptors for automotive industry

## C4UCOB - Male 90° elbow - BSPP



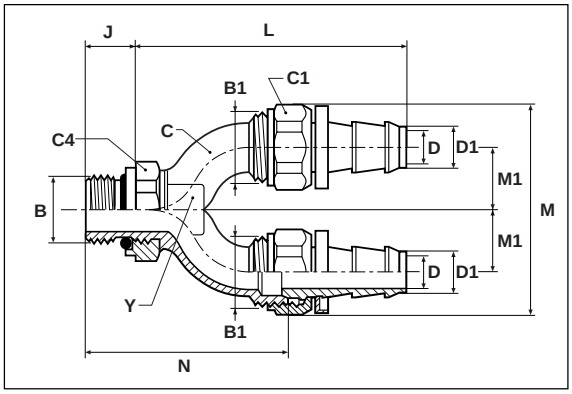

| B | B1 | Part number | C | C4 | D | D1 | J | M | N | Weight g. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/8 | M12x1 | **C4UCOB8-1/8** | 10 | 14 | 5 | 8 | 6 | 18.5 | 22.0 | 37 |
| 1/4 | M12x1 | **C4UCOB8-1/4** | 12 | 19 | 7 | 8 | 9 | 21.0 | 30.5 | 121 |
| 1/4 | M16x1.5 | **C4UCOB10-1/4** | 12 | 19 | 7 | 10 | 9 | 22.0 | 27.5 | 36 |
| 3/8 | M16x1.5 | **C4UCOB10-3/8** | 14 | 22 | 10 | 10 | 9 | 23.0 | 33.5 | 84 |

## S4UCOB - Male branch tee - BSPP




| B | B1 | Part number | C | C4 | D | D1 | M | N | J | Weight g. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1/4 | M16x1.5 | **S4UCOB10-1/4** | 14 | 19 | 7 | 10 | 23 | 31 | 9 | 20 |

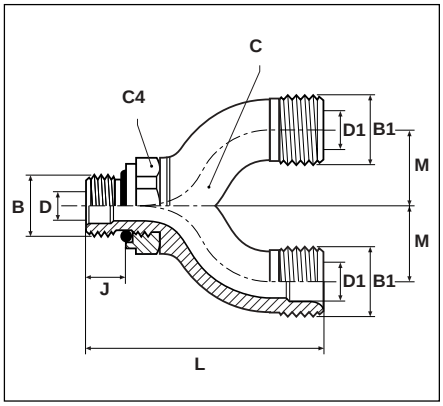
## YGX/X-82 - Male Y connector - BSPP




| B | B1 | Part number | C | C1 | C4 | D | D1 | J | L | M | M1 | N | Y | Weight g. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3/8 | M20x1.5 | **YG3/8-82-6B** | 15 | 24 | 22 | 8 | 9.5 | 9 | 80.0 | 66 | 19 | 48.0 | 22 | 197 |
| 1/2 | M20x1.5 | **YG1/2-8B** | 15 | 24 | 27 | 10 | 12.7 | 12 | 85.5 | 66 | 19 | 49.5 | 22 | 176 |
| 3/8 | M16x1.5 | **YG3/8-82-10-6B** | 15 | 19 | 22 | 6 | 9.5 | 9 | 81.0 | 59 | 19 | 48.0 | 22 | 200 |

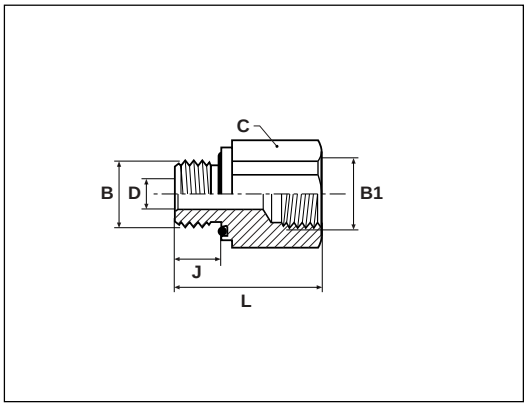
**For product availability please consult our price list 0093-UK**
Dimensions shown may be changed at any time without prior notice.

## YGX/XCO - Male Y connector - BSPP



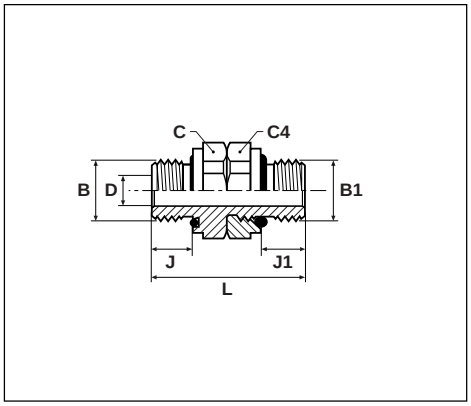

| B | B1 | Part number | C | C4 | D | D1 | J | L | M | Weight g. |
|---|---|---|---|---|---|---|---|---|---|---|
| 3/8 | M16x1.5 | **YG3/8CO10COMP** | 22 | 22 | 11 | 10 | 9 | 57.0 | 19 | 68 |
| 3/8 | M20x1.5 | **YG3/8CO14COMP** | 22 | 22 | 11 | 14 | 9 | 57.0 | 19 | 55 |
| 1/2 | M20x1.5 | **YG1/2CO14COMP** | 22 | 27 | 14 | 14 | 12 | 61.5 | 19 | 62 |

## F4UG4B - Male-female enlarging adaptor - BSPP




| B | B1 | Part number | C | D | J | L | Weight g. |
|---|---|---|---|---|---|---|---|
| 1/8 | 1/8 | **1/8F4UG4B-20** | 4.5 | 14 | 6 | 20 | 31 |
| 1/4 | 1/4 | **1/4F4UG4B-20** | 6.5 | 19 | 9 | 20 | 52 |
| 1/4 | 1/4 | **1/4F4UG4B-30** | 6.5 | 19 | 9 | 30 | 76 |
| 1/4 | 1/4 | **1/4F4UG4B-50** | 6.5 | 19 | 9 | 50 | 123 |
| 3/8 | 3/8 | **3/8F4UG4B-20** | 10.0 | 22 | 9 | 20 | 55 |
| 3/8 | 3/8 | **3/8F4UG4B-30** | 10.0 | 22 | 9 | 30 | 80 |
| 3/8 | 3/8 | **3/8F4UG4B-50** | 10.0 | 22 | 9 | 50 | 142 |

## F4UF4UB - Male equal pipe nipple - BSPP



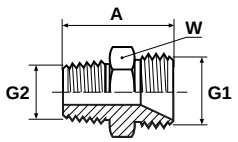

| B | B1 | Part number | C | C4 | D | J | J1 | L | Weight g. |
|---|---|---|---|---|---|---|---|---|---|
| 1/8 | 1/8 | **1/8F4UF4UB** | 14 | 14 | 4.5 | 6 | 6 | 12.5 | 30 |
| 1/4 | 1/4 | **1/4F4UF4UB** | 19 | 19 | 6.5 | 9 | 9 | 15.5 | 45 |
| 3/8 | 3/8 | **3/8F4UFU4B** | 22 | 22 | 10.0 | 9 | 9 | 17.5 | 62 |
| 1/2 | 1/2 | **1/2F4UF4UB** | 27 | 27 | 12.5 | 12 | 12 | 20.5 | 85 |
| 3/4 | 3/4 | **3/4F4UF4UB** | 32 | 32 | 18.0 | 12 | 12 | 22.5 | 95 |



**For product availability please consult our price list 0093-UK**
Dimensions shown may be changed at any time without prior notice.

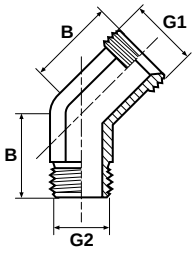
# Brass adaptors for automotive industry

## E- Straight adaptor - metric 60° cone - BSPT




| DN | Part number | Thread | | A mm | W mm | Weight g. |
|---|---|---|---|---|---|---|
| | | G1 metric | G2 BSPT | | | |
| 6 | **EG6-1/8B** | M12x1 | 1/8 | 23 | 14 | 20 |
| 6 | **EG6-1/4B** | M12x1 | 1/4 | 28 | 14 | 27 |
| 6 | **EG12x15-1/8B** | M12x1.5 | 1/8 | 23 | 14 | 20 |
| 6 | **EG12x15-1/4B** | M12x1.5 | 1/4 | 28 | 14 | 27 |
| 8 | **EG8-1/4B** | M14x1.5 | 1/4 | 28 | 17 | 36 |
| 8 | **EG8-3/8B** | M14x1.5 | 3/8 | 28 | 19 | 94 |
| 10 | **EG10-1/4B** | M16x1.5 | 1/4 | 28 | 19 | 30 |
| 10 | **EG10-1/2B** | M16x1.5 | 1/2 | 32 | 24 | 73 |
| 10 | **EG10-3/8B** | M16x1.5 | 3/8 | 28 | 19 | 35 |
| 12 | **EG15-1/2B** | M22x1.5 | 1/2 | 34 | 24 | 40 |
| 12 | **EG15-3/8B** | M22x1.5 | 3/8 | 34 | 24 | 79 |
| 16 | **EG18-3/4B** | M26x1.5 | 3/4 | 38 | 27 | 247 |

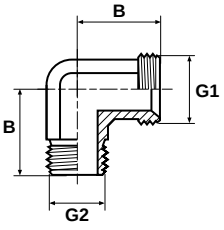
## EV - 45° elbow adaptor - metric 60° cone - BSPT




| DN | Part number | Thread | | B mm | Weight g. |
|---|---|---|---|---|---|
| | | G1 metric | G2 BSPT | | |
| 6 | **EV6-1/8B** | M12x1 | 1/8 | 20 | 43 |
| 6 | **EV6-1/4B** | M12x1 | 1/4 | 20 | 43 |
| 8 | **EV8-1/4B** | M14x1.5 | 1/4 | 27 | 63 |
| 8 | **EV8-3/8B** | M14x1.5 | 3/8 | 27 | 97 |
| 10 | **EV10-1/4B** | M16x1.5 | 1/4 | 27 | 129 |
| 10 | **EV10-3/8B** | M16x1.5 | 3/8 | 27 | 197 |
| 12 | **EV15-1/2B** | M22x1.5 | 1/2 | 30 | 11 |

K

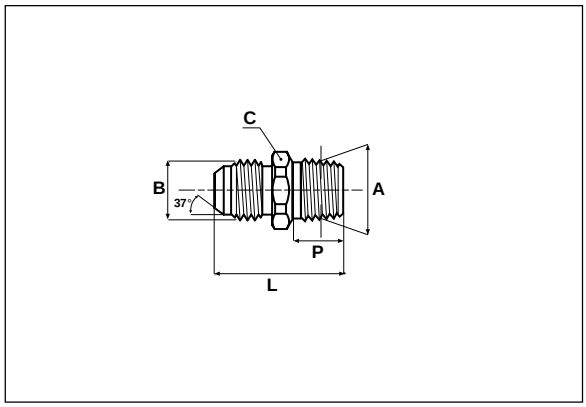
## EW - 90° elbow adaptor - metric 60° cone - BSPT




| DN | Part number | Thread | | B mm | Weight g. |
|---|---|---|---|---|---|
| | | G1 metric | G2 BSPT | | |
| 6 | **EW6-1/8B** | M12x1 | 1/8 | 20 | 29 |
| 6 | **EW6-1/4B** | M12x1 | 1/4 | 20 | 55 |
| 6 | **EW12x15-1/4B** | M12x1.5 | 1/4 | 20 | 88 |
| 8 | **EW8-1/4B** | M14x1.5 | 1/4 | 27 | 64 |
| 8 | **EW8-3/8B** | M14x1.5 | 3/8 | 27 | 151 |
| 10 | **EW10-1/4B** | M16x1.5 | 1/4 | 27 | 45 |
| 10 | **EW10-3/8B** | M16x1.5 | 3/8 | 27 | 100 |
| 12 | **EW15-1/2B** | M22x1.5 | 1/2 | 30 | 130 |

**For product availability please consult our price list 0093-UK**
Dimensions shown may be changed at any time without prior notice.

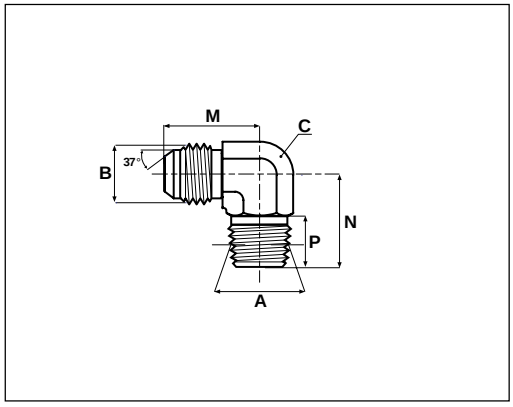
## M14-4F3 - Male nipple straight fitting (Ford standard UW003-04180)




| A | B | Part number | C | L | P | Weight g. |
|---|---|---|---|---|---|---|
| 1/4 | M14x1.5 | **M14-4F3MX8BL31** | 17 | 31 | 12 | 31 |

Designed to be used in conjunction with Parker Push-Lok hose fittings H898 202 and H897 995 for both welding robots and portable guns on water cooling and compressed air circuits. See the Push-Lok Hose and Fitting section (P).

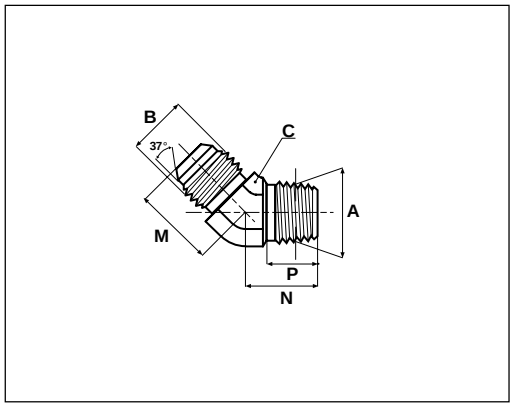
## M14-4C3 - Male nipple 90° elbow (Ford standard UW003-04180)




| A | B | Part number | C | M | N | P | Weight g. |
|---|---|---|---|---|---|---|---|
| 1/4 | M14x1.5 | **M14-4C3MX8BH22** | 14 | 25 | 22 | 12 | 76 |

Designed to be used in conjunction with Parker Push-Lok hose fittings H898 202 and H897 995 for both welding robots and portable guns on water cooling and compressed air circuits. See the Push-Lok Hose and Fitting section (P).

## M14-4V3 - Male nipple 45° elbow (Ford standard UW003-04180)




| A | B | Part number | C | M | N | P | Weight g. |
|---|---|---|---|---|---|---|---|
| 1/4 | M14x1.5 | **M14-4V3MX8BH17** | 14 | 18 | 17 | 12 | 45 |

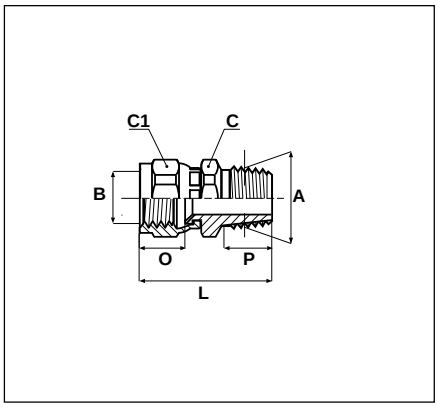
Designed to be used in conjunction with Parker Push-Lok hose fittings H898 202 and H897 995 for both welding robots and portable guns on water cooling and compressed air circuits. See the Push-Lok Hose and Fitting section (P).

K

**For product availability please consult our price list 0093-UK**
Dimensions shown may be changed at any time without prior notice.

# Brass adaptors for automotive industry

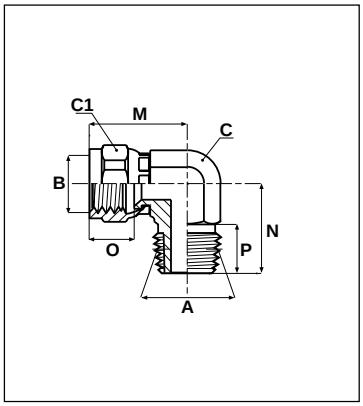
## M14-4F63 - Male swivel nut straight fitting (Ford standard UW003-04180)




| A | B | Part number | C | C1 | L | O | P | Weight g. |
|---|---|---|---|---|---|---|---|---|
| 1/4 | M14x1.5 | **M14-4F63MX8BL32** | 17 | 17 | 32 | 11 | 12 | 58 |

Designed to be used in conjunction with Parker Push-Lok hose fittings H898 202 and H897 995 for both welding robots and portable guns on water cooling and compressed air circuits. See the Push-Lok Hose and Fitting section (P).

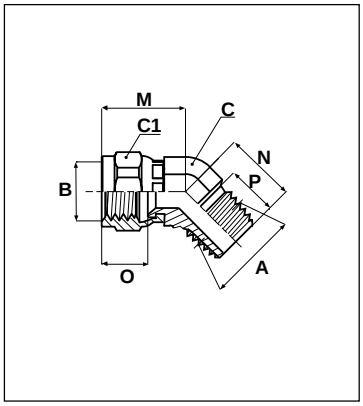
## M14-4C63 - Male swivel nut 90° elbow (Ford standard UW003-04180)




| A | B | Part number | C | C1 | M | N | O | P | Weight g. |
|---|---|---|---|---|---|---|---|---|---|
| 1/4 | M14x1.5 | **M14-4C63MX8BH22** | 14 | 17 | 24 | 22 | 11 | 12 | 62 |

Designed to be used in conjunction with Parker Push-Lok hose fittings H898 202 and H897 995 for both welding robots and portable guns on water cooling and compressed air circuits. See the Push-Lok Hose and Fitting section (P).

## M14-4V63 - Male swivel nut 45° elbow (Ford standard UW003-04180)




| A | B | Part number | C | C1 | M | N | O | P | Weight g. |
|---|---|---|---|---|---|---|---|---|---|
| 1/4 | M14X1.5 | **M14-4V63MX8BH17** | 14 | 17 | 20 | 7 | 11 | 12 | 57 |

K

**For product availability please consult our price list 0093-UK**
Dimensions shown may be changed at any time without prior notice.